

Converting Colors

YIQ(112.7740, -116.3190,
-0.9830)

Have a look what the booklet for
YIQ(112.7740, -116.3190, -0.9830)
contains.

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Color

**YIQ(112.7740, -116.3190,
-0.9830)**

Conversions

Conversions Part 1

Format	Color
Hex	0191F0
RGB	1, 145, 240
RGB Percent	0%, 57%, 94%
CMY	0.9961, 0.4311, 0.0594
CMYK	1.00, 0.40, 0.00, 0.06
HSL	204°, 99%, 47%
HSV	204°, 100%, 94%
XYZ	25.8542, 26.5585, 86.0955
YIQ	112.7740, -116.3190, -0.9830

Conversions

Conversions Part 2

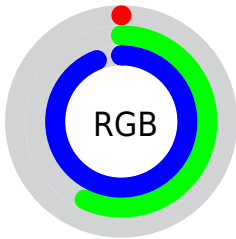
Format	Color
R _Y B	1, 91, 240
Decimal	102896
CIE Lab	58.56, 2.57, -56.38
CIE LCh	59, 56.443, 272.613
Yxy	26.5585, 0.1867, 0.1917
Android (android.graphics.Color)	4278292976 (0xFF0191F0)
YUV	112.7740, 62.7224, -98.0258
Hunter-Lab	51.5350, -0.6358, -62.9767

Details

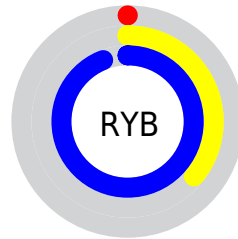
The YIQ color **112.7740, -116.3190, -0.9830** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **128.2260, 116.3190, 0.9830**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **177.5880, -71.9370, -1.3530**, and **76.6270, -84.8680, 7.2280** is the 20% darker color. If you saturate the color by 10%, you get **112.4750, -116.9150, -1.1950**, and if you desaturate by 10%, it is **125.8200, -104.7650, -1.1250**.

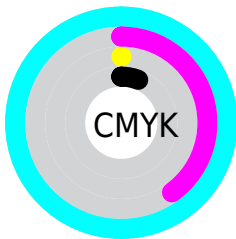
Distribution



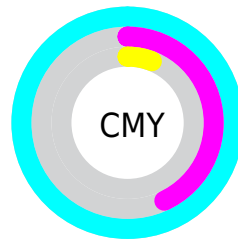
- Red (0%)
- Green (57%)
- Blue (94%)



- Red (0%)
- Yellow (36%)
- Blue (94%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (43%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.7740, -116.3190, -0.9830 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 112.7740, -116.3190, -0.9830 by changing the saturation by 10% instead.

■ 112.7740,
-116.3190, -0.9830

■ 112.7740,
-116.3190, -0.9830

■ 255.0000, -0.0000,
-0.0000

■ 94.4940,
-100.7310, 2.8610

■ 177.5880,
-71.9370, -1.3530

■ 76.6270, -84.8680,
7.2280

■ 204.1900,
-59.3730, -8.7890

■ 60.0480, -69.8760,
10.8600

■ 230.7810,
-48.2760, -17.1720

■ 44.6430, -55.4340,
13.4460

■ 240.0500,
-29.8000, -10.6000

■ 30.0530, -41.9090,
16.1310

■ 249.6180,
-10.7280, -3.8160

■ 14.8760, -28.1090,
19.3390

■ 9.2050, -19.0300,

14.4900

■ 4.9360, -11.1430,
9.2170

■ 0.5700, -1.6050,
1.5550

■ 112.7740,
-116.3190, -0.9830

■ 112.7740,
-116.3190, -0.9830

■ 112.4750,
-116.9150, -1.1950

■ 125.8200,
-104.7650, -1.1250

■ 138.2790,
-92.9360, -0.7440

■ 151.3250,
-81.3820, -0.8860

■ 163.7840,
-69.5530, -0.5050

■ 176.8300,
-57.9990, -0.6470

■ 189.2890,
-46.1700, -0.2660

■ 202.3350,
-34.6160, -0.4080

■ 214.7940,
-22.7870, -0.0270

■ 227.8400,
-11.2330, -0.1690

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



118.7380, -116.6380, -11.7260



112.7740, -116.3190, -0.9830



143.8640, -18.6670, 35.4530

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



112.7740, -116.3190, -0.9830



138.0070, 78.3520, 22.7680



112.8830, -58.6320, -49.7680

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



112.7740, -116.3190, -0.9830



128.2260, 116.3190, 0.9830

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



129.1130, 8.3060, -40.4140



112.7740, -116.3190, -0.9830



137.2390, 70.7460, -4.5980

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



112.7740, -116.3190, -0.9830



139.4950, 66.0150, 42.6150



134.4510, 48.6970, -29.0230



113.2710, -91.5990, -41.5110

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



112.7740, -116.3190, -0.9830



145.2830, 17.0020, 44.3140



134.4510, 48.6970, -29.0230



122.2580, -28.8310, -44.6950

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



112.7740, -116.3190, -0.9830



214.6660, -37.0460, -0.4220



151.7810, -95.2570, -96.3850



103.0930, -22.1910, 0.1850



0.0000, 0.0000, 0.0000



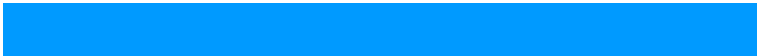
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



112.7740, -116.3190, -0.9830



119.4680, -124.2050, -1.2370



44.6820, -84.4190, 59.6850



113.4770, -5.7770, 0.0710



86.1330, -89.5890, -0.8290



26.3420, -27.3260, -0.3660

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



88.8770, 96.2200, 95.4520



93.8010, 102.5460, 101.9540



196.3180, 84.4190, -59.6850



112.3860, 4.9050, 4.7210



67.6700, 74.0330, 73.5290



20.6200, 22.4620, 22.4460

Previews

White Background



This preview shows how the YIQ color 112.7740, -116.3190, -0.9830 looks on a white background.

Color Contrast Check

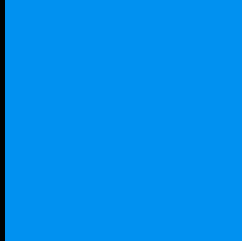
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 112.7740, -116.3190, -0.9830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

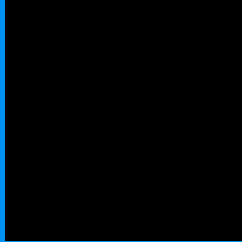
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

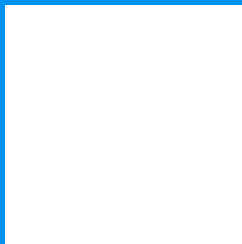
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 112.7740, -116.3190, -0.9830 Background



This preview shows how black text looks on a background with the YIQ color 112.7740, -116.3190, -0.9830.



This preview shows how white text looks on a background with the YIQ color 112.7740, -116.3190, -0.9830.

-0.9830.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

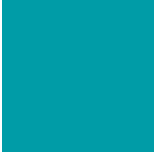
112.7740, -116.3190, -0.9830

Protanopia

137.0660, -51.9510, 21.9130

Deuteranopia

129.6650, -78.8630, 14.0410



Tritanopia

110.6100, -96.5070, -29.6510

Trichromacy



Original Color

112.7740, -116.3190, -0.9830

Protanomaly

128.4050, -75.1950, 13.6450

Deuteranomaly

123.3750, -92.8460, 8.6420

Tritanomaly

111.2260, -103.7530, -19.4730

Monochromacy



Original Color

112.7740, -116.3190, -0.9830

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

113.0290, -42.5020, -0.6620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.7740, -116.3190, -0.9830 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(1, 145, 240)` looks like.

```
.text, #text, p{  
    color:rgb(1, 145, 240)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(1, 145, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 145, 240) }
```

Border

The CSS property to change the border of an element to YIQ 112.7740, -116.3190, -0.9830 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(1, 145, 240) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(1, 145, 240) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(1, 145, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 145, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 145, 240);  
box-shadow:4px 4px 4px 4px rgb(1, 145,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 112.7740, -116.3190, -0.9830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 145, 240) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(1, 145,  
240) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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